|       |                | 1        | Rejected<br>Allowed |              |          |          |          | -        |          | (1         | (Through numeral)<br>Cancelled |                 |          |  |              |              | N               | Non-Elected |          |          |          |          | A                | Appeal   |            |                  |          |         |              |            |                 |                 |          |
|-------|----------------|----------|---------------------|--------------|----------|----------|----------|----------|----------|------------|--------------------------------|-----------------|----------|--|--------------|--------------|-----------------|-------------|----------|----------|----------|----------|------------------|----------|------------|------------------|----------|---------|--------------|------------|-----------------|-----------------|----------|
|       |                | =        | A                   | llo          | we       | ed       |          |          | ÷        |            |                                | Re              | estri    | cte  | d            |              |                 |             | ı        | In       | ter      | rfei     | rer              | nce      |            | o                | (        | Obj     | ect          | ed         |                 |                 |          |
| Clair | fla            | ъ        |                     |              |          | Dat      |          |          |          |            | 7                              | Cli             | aim      | 1  |              |              |                 | Date        | <u> </u> |          |          | _        |                  | CI       | aim        | 1                |          |         | Dat          | e          |                 |                 |          |
|       |                |          |                     |              | Π        | Ī        | Ť        |          | Π        | Τ          | 1                              |                 |          | Τ  | Γ            | Г            | $\Box$          |             | ĬΠ       | $\Box$   |          |          |                  |          |            |                  | Т        | Τ       | T            | Ĭ          | Γ               | Г               |          |
| Final | Original       | 5/19/06  |                     |              |          |          |          |          |          |            |                                | Final           | Original |  |              |              |                 |             |          |          |          |          |                  | Final    | Original   |                  |          |         |              |            |                 |                 |          |
|       | 1              |          |                     |              |          |          |          |          |          |            |                                |                 | 51       |  | 1-           | T            | H               | $\vdash$    |          | ┪        | $\dashv$ |          |                  |          | 101        |                  | +        | 十       | +            | ┢          | H               |                 | -        |
|       | 2              | _        | _                   | <u>L</u>     |          |          | <u> </u> | L        | L        |            | ]                              |                 | 52       |  |              |              |                 |             |          |          |          |          |                  |          | 102        |                  |          | $\perp$ |              |            |                 |                 |          |
|       | 3              | _        | _                   | L            | _        | <b>├</b> | ├-       | ╄        | ╄        | 1          | -                              |                 | 53       | ┡  | <u> </u>     | ↓_           | _               |             |          | 4        | _        |          | . 1              |          | 103        | $\sqcup$         | _        | $\perp$ | $\perp$      |            |                 |                 | L        |
|       | 5              | _        | ┝                   | -            | $\vdash$ | ╁        | -        | ╁        | ╁        | +          | 1                              |                 | 54<br>55 | ╀  | ╀╌           | -            |                 | Н           |          | $\dashv$ | +        | $\dashv$ |                  | <u> </u> | 104        |                  | +        | +-      | +            | -          | ┝               | H               | _        |
|       | 6              | _        | -                   | -            | -        | -        | $\vdash$ | ╁        | +        | +          | 1                              | _               | 56       | ┢  | -            | ┢            | <b>-</b>        |             | H        | $\dashv$ | +        | $\dashv$ |                  |          | 105<br>106 | ╌                | +        | ┿       | ╁            | ╁          | ┢               |                 | _        |
|       | 7              | _        | Г                   | T            | Г        | 1        | Τ        | t        | t        | 1          | 1                              |                 | 57       | t  | $\vdash$     | $\vdash$     | 1               | Н           | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | 3                |          | 107        |                  | +        | +       | ╆            | $\vdash$   | $\vdash$        |                 |          |
|       | 8              |          |                     |              |          |          |          | L        |          | T          | ]                              |                 | 58       | T  | T            | T            |                 | П           | $\vdash$ | $\dashv$ | 7        | $\dashv$ |                  |          | 108        | $\vdash$         | $\top$   | T       | T            | T          | 1               |                 |          |
|       | 9              |          |                     |              |          |          | $\Box$   |          |          |            | e.                             |                 | 59       |  |              |              |                 |             |          |          |          |          |                  |          | 109        |                  |          | T       | I            |            |                 |                 |          |
|       | 10             |          | L                   |              | L        | <u> </u> | L        |          | L        |            |                                |                 | 60       | Ĺ  |              |              |                 |             |          | I        |          |          | . A.             |          | 110        |                  |          |         |              |            |                 |                 |          |
|       | 11             | _        | <u> </u>            | <u> </u>     | _        | $\vdash$ | _        | $\perp$  | ↓_       | $\perp$    | -                              | <u> </u>        | 61       | <u> </u>   |              | _            | igspace         | Ш           | Ш        | $\perp$  | _[       |          |                  |          | 111        |                  | $\perp$  | $\perp$ | $oxed{\Box}$ | 匚          | 匚               |                 |          |
|       | 12<br>13       |          | $\vdash$            | <del> </del> | -        | $\vdash$ | $\vdash$ | ├-       | $\vdash$ | $\perp$    | -                              | <u> </u>        | 62       | <u> </u>   | _            | <del> </del> | _               | Ы           | Ш        | _        | 4        |          | ,:               | ļ        | 112        | $\sqcup$         | $\bot$   | ╁-      | 1            | $\vdash$   | <u> </u>        |                 |          |
|       | 14             |          | $\vdash$            | $\vdash$     | $\vdash$ | +-       | $\vdash$ | ╂        | $\vdash$ | ╁          | -                              | <u> </u>        | 63<br>64 | ├  | $\vdash$     | $\vdash$     | $\vdash$        | $\vdash$    | $\dashv$ |          | 4        | 4        | 42               | <u> </u> | 113        | $\vdash$         | +        | +-      | ╀            | ┞          | ├               | H               | _        |
|       | 15             | _        | $\vdash$            | ┝            | ┝        | ╁        | ╁        | $\vdash$ | ╁╌       | ╁╌         | ┨                              | -               | 65       | ╁  | ┢            | ╁            | ┢               | Н           |          | -        | +        | -        | s.               | <u> </u> | 114<br>115 | ┝╌┼              | ╀        | ╀       | ╁            | ╄          | ├               | Н               |          |
|       | 16             |          | -                   | $\vdash$     | $\vdash$ | ┢        | ╁        | ╁        | ╁        | ╁╴         | ┨                              | -               | 66       | ┢  |              | ├            | $\vdash$        | -           | -        | $\dashv$ | -        |          |                  |          | 116        | ├─┼              | ┿        | ╁       | ╁            | ├          | ├               | H               |          |
|       | 17             |          | $\vdash$            |              | H        | ┢        |          | 1        | t        | +          | 1                              | $\vdash$        | 67       | <del>                                     </del> | $\vdash$     | ┢            |                 |             | -        | $\dashv$ | $\dashv$ | -        |                  |          | 117        | $\vdash$         | ╁        | ╁       | ╁            | $\vdash$   | ╁╴              | H               |          |
|       | 18             |          |                     |              |          | † T      |          | 1        | Т        | T          | 1                              |                 | 68       | $I^-$  | T            |              |                 |             |          | 1        | -        | $\dashv$ | -                |          | 118        |                  | ╁        | ╁       | ╁            | -          | $\vdash$        | Н               | _        |
|       | 19             |          |                     |              |          |          |          |          | Γ        |            | 1                              |                 | 69       |  | $\vdash$     | Т            | П               |             |          | T        |          |          |                  |          | 119        | <u> </u>         | $\top$   | ╈       | T            | 1          | H               | Н               | _        |
|       | 20             |          |                     |              |          |          |          |          |          |            | ]                              |                 | 70       |  |              |              |                 |             |          |          |          | _].      | <br>5            |          | 120        |                  |          | Т       | $\top$       |            |                 |                 |          |
|       | 21             |          |                     | <u> </u>     | <u>_</u> | L_       | L        | 1_       | L        | ┸          | 1                              |                 | 71       | L  |              |              |                 |             |          |          |          | _]       |                  |          | 121        |                  |          |         |              |            |                 |                 |          |
|       | 22             |          |                     | <u> </u>     | _        | <u> </u> | <u> </u> | ┡        | 1        | ↓_         | 1 7                            |                 | 72       | L  | L            | <u> </u>     | Ш               |             |          | 4        | _        | _        |                  |          | 122        |                  | <u> </u> | $\perp$ |              |            |                 |                 |          |
|       | 23<br>24       |          | -                   | _            | ⊢        | ├        | ⊢        | -        | ┡        | +          |                                | <u> </u>        | 73       | $\vdash$   | -            | <u> </u>     | -               | Н           | $\dashv$ | -        | 4        |          |                  |          | 123        | $\vdash \vdash$  | $\bot$   | 1       | _            |            |                 |                 |          |
|       | 25             | _        | -                   | -            | ⊢        | ├        | ├        | ┢        | ┝        | +          | ļ.                             | <del> </del>    | 74<br>75 | ├  | ├            | ├            | Н               | -           | $\dashv$ | $\dashv$ | +        |          |                  |          | 124        | $\vdash$         | +-       | +       | 1            | -          | <u> </u>        | Н               |          |
|       | 26             | -        |                     | _            | ┢        | $\vdash$ |          | +-       | $\vdash$ | +          |                                |                 | 76       | ╁  | -            | ┢            | Н               | -           | $\dashv$ | $\dashv$ | $\dashv$ |          |                  |          | 125<br>126 | $\vdash$         | +-       | ╁       | ┿            | -          | -               | Н               | _        |
|       | 27             | _        | -                   | _            | $\vdash$ | -        | _        | 1        | -        | 十          |                                | <u> </u>        | 77       | -  | ┢            | ╁╌           | H               |             | $\dashv$ | $\dashv$ | +        | $\dashv$ | 60               |          | 127        | -                | ╁        | ╁       | ╁            | -          |                 | Н               |          |
|       | 28             |          |                     |              |          | $\vdash$ |          |          |          |            | ंद                             |                 | 78       |  |              |              | П               |             |          | 寸        | 寸        | -        | 4                |          | 128        |                  | 十        | ╁       | +            | ┢          | H               | Н               |          |
|       | 29             |          |                     |              |          |          |          |          |          |            | ]                              |                 | 79       |  |              |              | П               |             |          |          | 寸        | -        |                  |          | 129        |                  | ╅        | T       | 1            | t          | T               |                 |          |
|       | 30             |          |                     |              | L        | L        | L        | $\vdash$ | Ĺ        |            |                                |                 | 80       |  |              |              |                 |             |          |          |          |          | Ši,              |          | 130        |                  | ፗ        | Ι       |              |            |                 |                 |          |
|       | 31             | •        |                     |              | _        | _        | _        | <u> </u> | 1        | ↓_         |                                | <u> </u>        | 81       | L  | _            | _            | Ш               |             | [        | $\bot$   | $\Box$   |          | I.,              |          | 131        |                  |          |         | $\Box$       |            |                 |                 |          |
|       | 32<br>33       | <u> </u> |                     | _            |          | -        | -        | -        | +        | -          | 1                              |                 | 82       | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u>        |             | _        | _        | $\dashv$ | $\dashv$ | i da             |          | 132        | <u> </u>         | 4        | -       | $\perp$      | _          | Ļ               | Ш               |          |
|       | 34             | -        | -                   |              | <b></b>  | $\vdash$ | -        | -        | ├        | ╁-         | 00                             |                 | 83       | $\vdash$   | $\vdash$     | _            | $\vdash$        | $\dashv$    |          | 4        | $\dashv$ | $\dashv$ |                  |          | 133        | ⊢⊢.              | +        | +       | ╄-           | -          | <u> </u>        | Ш               |          |
| - 13  |                | _        | H                   | _            | _        | $\vdash$ | -        | $\vdash$ | $\vdash$ | +          |                                | <del></del>     | 84<br>85 | $\vdash$   | $\vdash$     | -            | $\vdash$        | $\vdash$    | -        | +        | +        | -1.      | -L <sub>QQ</sub> |          | 134<br>135 | $\vdash$         | +        | ╀       | +-           | ⊢          | _               | $\vdash \vdash$ | Н        |
|       |                | v        | $\vdash$            |              | -        | $\vdash$ | $\vdash$ | H        | 1        | $\vdash$   | 1                              | $\vdash$        | 86       | -  | $\vdash$     | Ι-           | $\vdash$        | $\dashv$    | -        | $\dashv$ | $\dashv$ | $\dashv$ |                  |          | 136        | <del>   </del> - | +        | ╁╴      | ╁            | ⊢          | $\vdash$        | Н               | $\dashv$ |
|       | 37             | V        |                     |              |          | Γ        |          | $\vdash$ | 1        | 1          | 1                              |                 | 87       | T  | $\vdash$     | -            | Н               |             | -        | 十        | +        | 一.       | 1                |          | 137        | +                | +        | +       | +            | $\vdash$   |                 | $\vdash$        | $\dashv$ |
| 3     | 38             | V        |                     |              |          |          |          |          | Γ        |            | ]                              |                 | 88       |  |              |              | П               |             | $\neg$   | $\dashv$ | $\dashv$ | T        |                  |          | 138        |                  | +        | T       |              | T          |                 | Н               | $\dashv$ |
|       | 39             | V        |                     |              |          |          |          |          |          |            | ]                              |                 | 89       |  |              |              |                 |             |          |          | _        | 7        |                  |          | 139        | 1                | $\top$   | Т       | Т            |            |                 |                 | $\dashv$ |
| 4     | 10             | ٧        |                     |              |          |          | L        |          | Ĺ        |            |                                |                 | 90       | 匚  | 匚            |              |                 |             |          | $\Box$   | I        |          |                  |          | 140        |                  | I        | I       |              |            |                 |                 |          |
|       |                | V        | _                   | _            |          | <u> </u> | <u> </u> | <u> </u> | L        | <b>⊢</b> - | 1                              | <u> </u>        | 91       | <u> </u>   | <u> </u>     | L            | Ш               | _           | [        | _        | _[       | _]       |                  | ]        | 141        |                  | $\bot$   | Ļ       | 匚            |            | $\Box$          | $\Box$          |          |
| - + 5 | 12<br>13       | $\dashv$ |                     | -            |          | $\vdash$ | -        | $\vdash$ | -        | -          | -                              |                 | 92       | -  | <del> </del> | <u> </u>     | $\vdash \vdash$ |             | $\dashv$ | +        | 4        | _        | ٠.               |          | 142        |                  | 4        |         | $\vdash$     | lacksquare | $\sqcup$        | Щ               | _        |
|       | 14             | $\dashv$ | $\dashv$            | _            |          | $\vdash$ | <u> </u> |          | $\vdash$ | ┨          | ł                              |                 | 93<br>94 | ┢  | $\vdash$     | ⊢            |                 |             | -+       | +        | +        | -1       |                  |          | 143        | -                | +-       | 1       | ┞-           | $\vdash$   | $\vdash \vdash$ | $\vdash \dashv$ | _        |
|       | 15             | $\dashv$ | $\dashv$            | -            |          | -        | $\vdash$ |          | $\vdash$ | $\vdash$   | ĺ                              | $\vdash \vdash$ | 95       | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash \vdash$ |             | $\dashv$ | +        | +        | $\dashv$ |                  |          | 144<br>145 | +                | +        | +-      | +-           | -          | Н               | $\vdash \vdash$ | 닉        |
| 4     | <del>1</del> 6 |          |                     |              |          | Т        |          |          | T        | T          | 1                              | Н               | 96       | Г  | $\vdash$     | $\vdash$     | $\vdash$        | $\dashv$    | $\dashv$ | $\dashv$ | +        | $\dashv$ |                  |          | 146        | -                | +        | +       | 1-           | H          | Н               | $\vdash \vdash$ | $\dashv$ |
| 4     | 17             |          |                     |              |          |          |          |          |          |            |                                |                 | 97       |  |              | _            | $\sqcap$        |             | 寸        | $\dashv$ | +        | $\dashv$ | 1                |          | 147        | $\dashv$         | +-       | +       | $\vdash$     | ऻऻ         | H               | $\vdash$        | $\dashv$ |
| 4     | 18             | $\Box$   |                     | J            |          |          |          |          |          |            |                                |                 | 98       |  |              |              |                 |             |          |          | $\top$   | 7        | ı                |          | 148        | $\top$           | 1        | $\top$  | 1            | Т          | П               | $\vdash$        | $\dashv$ |
|       | 19             |          | _                   | _            |          |          |          | Ш        | Ĺ        | 匚          |                                |                 | 99       |  |              |              |                 |             |          |          |          |          |                  |          | 149        |                  | Ι        |         | Π            |            |                 |                 |          |
| 5     | 50             | - 1      | ł                   | - 1          |          |          |          | ıï       | Ι [      | 1          | ı                              |                 | 100      | 1  |              |              | 1               |             |          | -        | _        | 7        | ٠.               |          | 150        |                  | 1        | _       | 1            |            |                 | _               |          |

Application/Control No.

10/743,114

Taylor Victor Oh

Examiner

**Index of Claims** 

Applicant(s)/Patent under Reexamination

HUBBS ET AL. Art Unit

1625